SEARCH REQUEST FORM   Scientific and Technical Information Center - EIC2800
Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 2/23/09 Serial # 09/839,899 Priority Application Date 4/19/01

Your Name M. Lewis   Examiner # 73172   3 of 4

AU 2894 Phone 272-1838 Room 5A39

In what format would you like your results? Paper is the default.   PAPER   DISK   EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Need before 3/3

Where have you searched so far on this case?
Circle: USPT   DWPI   EPO Abs   JPO Abs   IBM TDB
Other:_____

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.
_____

FEB 26

What types of references would you like? Please checkmark:

Primary Refs ___   Nonpatent Literature ____   Teaching Refs ____
Secondary Refs ___   Foreign Patents ____   Other _____

Is this a "Fast & Focused Search" request? (Circle One)   YES   NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search?   Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 1, 4-9, 17-20, 22+25

Problem: See Paragraphs 6-10
Solution   "   "   11-9

6,362,312
6,241,618

Staff Use Only

Searcher: M. Mims

Searcher Phone: 25928

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 3-5-07

Date Completed: 3-6-07

Searcher Prep/Rev Time: 3.5

Online Time: 65

Type of Search		Vendors	
Structure (#)	✓	STN	✓
Bibliographic	✓	Dialog	
Litigation		Questel/Orbit	
Fulltext		Lexis-Nexis	
Patent Family		WWW/Internet	
Other		Other	

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=> d his full

       (FILE 'HOME' ENTERED AT 15:45:01 ON 05 MAR 2007)

       FILE 'CAPLUS' ENTERED AT 15:46:35 ON 05 MAR 2007

L1        76825 SEA ABB=ON  PLU=ON   ?THIN?(3W)(LAYER? OR COAT? OR LAMINA? OR
                 FILM?)(2W)(TRANSIS? OR DEVIC? OR OLED OR LCD) OR TFT OR
                 (ATOMIC OR MOLECULAR)(2A)(LAYER? OR COAT? OR LAMINA? OR FILM)
L2       531430 SEA ABB=ON  PLU=ON   GATE? OR TRENCH OR DRAIN OR CHANNEL? OR
                 CONDUCT?(2A)PLAT?
L3      1583376 SEA ABB=ON  PLU=ON   STORAG? OR ?ARRAY? OR MATRIX? OR MATRICES
                 OR LATTIC? OR ROW?(4A)COLUMN OR GRID? OR MESH?
L4       218549 SEA ABB=ON  PLU=ON   PIXEL? OR PICTURE ELEMENT OR LCD OR
                 LIQUID(3A)CRYST?
L5        22580 SEA ABB=ON  PLU=ON   WIRING LINE OR (CAPACIT? OR GATE? OR
                 DATA)(3A)(WIRE OR WIRING OR LINE)
L6         1727 SEA ABB=ON  PLU=ON   L1 AND L2 AND L3 AND L4 AND L5
L7       622681 SEA ABB=ON  PLU=ON   ?DIELECT? OR INSULAT? OR NONCONDUCT?
L8          920 SEA ABB=ON  PLU=ON   L6 AND L7
L9      2020061 SEA ABB=ON  PLU=ON   (TANTALUM OR TA OR CHROMIUM OR CR OR
                 TITANIUM OR TI OR TUNGSTEN OR W OR MOLYBDENUM OR MO OR
                 SILICID?)
L10         149 SEA ABB=ON  PLU=ON   L8 AND L9
L11     2258901 SEA ABB=ON  PLU=ON   DISTANC? OR LENGTH? OR INCH? OR CM OR MM
                 OR MILMETER OR ANGSTROM OR MICRON
L12           8 SEA ABB=ON  PLU=ON   L10 AND L11
                 D IBIB ABS HITIND 1-8
L13          47 SEA ABB=ON  PLU=ON   L8 AND L11
L14          39 SEA ABB=ON  PLU=ON   L13 NOT L12
                 D IBIB ABS HITIND 1-39


       FILE 'INSPEC, COMPENDEX' ENTERED AT 16:28:26 ON 05 MAR 2007
L15       64833 SEA ABB=ON  PLU=ON   L1
L16      809183 SEA ABB=ON  PLU=ON   L2
L17     1993105 SEA ABB=ON  PLU=ON   L3
L18      197939 SEA ABB=ON  PLU=ON   L4
L19       39373 SEA ABB=ON  PLU=ON   L5
L20      630073 SEA ABB=ON  PLU=ON   L7
L21      892409 SEA ABB=ON  PLU=ON   L9
L22     1755588 SEA ABB=ON  PLU=ON   L11
L23          32 SEA ABB=ON  PLU=ON   L15 AND L16 AND L17 AND L18 AND L19 AND
                 L20
L24          13 SEA ABB=ON  PLU=ON   L23 AND L21
L25          11 DUP REM L24 (2 DUPLICATES REMOVED)
                 D IALL 1-11
L26          13 SEA ABB=ON  PLU=ON   L23 AND L22
L27           4 SEA ABB=ON  PLU=ON   L26 NOT L24
L28           3 DUP REMOVE L27 (1 DUPLICATE REMOVED)
                 D IALL 1-3


       FILE 'JAPIO, KOREAPAT' ENTERED AT 16:44:58 ON 05 MAR 2007
L29       34193 SEA ABB=ON  PLU=ON   L1
L30      450820 SEA ABB=ON  PLU=ON   L2
L31      670396 SEA ABB=ON  PLU=ON   L3
L32      231171 SEA ABB=ON  PLU=ON   L4
L33       64786 SEA ABB=ON  PLU=ON   L5
L34      467566 SEA ABB=ON  PLU=ON   L7
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EIC 2800   MARY S. MIMS   272-5928

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L35      339395 SEA ABB=ON    PLU=ON   L9
L36      677410 SEA ABB=ON    PLU=ON   L11
L37         993 SEA ABB=ON    PLU=ON   L29 AND L30 AND L31 AND L32 AND L33 AND
                L34
L38           4 SEA ABB=ON    PLU=ON   L37 AND L35 AND L36
L39           4 DUP REM L38 (0 DUPLICATES REMOVED)
                D IALL 1-4
L40          54 SEA ABB=ON    PLU=ON   L37 AND L36
L41          50 SEA ABB=ON    PLU=ON   L40 NOT L39
L42          33 SEA ABB=ON    PLU=ON   L41 AND PY>=2001
L43          17 SEA ABB=ON    PLU=ON   L41 NOT L42
                D IALL 1-17
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